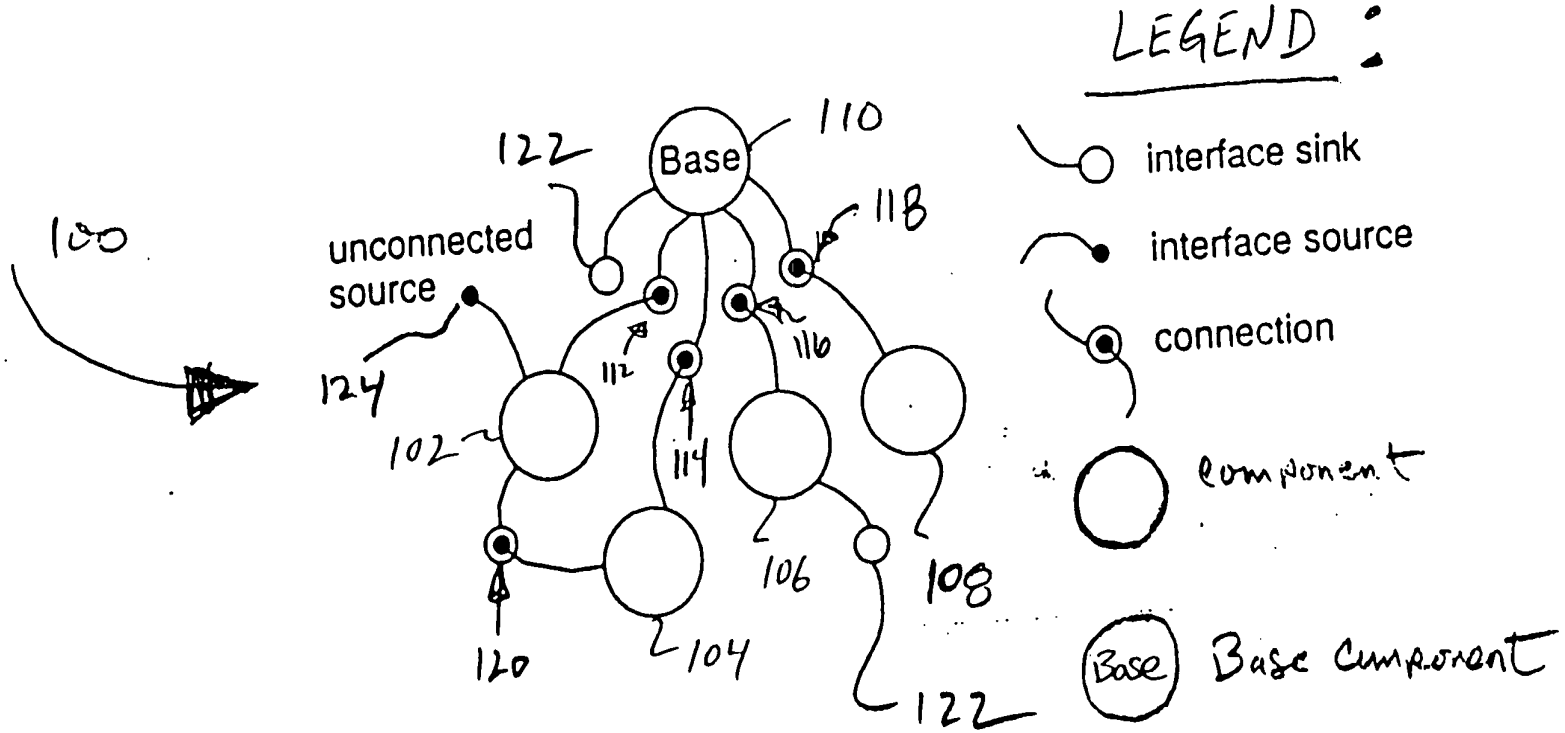
100
Base
110
122
118
unconnected source
124
112
116
102
114
106
108
120
104
122
LEGEND :
interface sink
interface source
connection
component
Base
Base Component

FIG 1

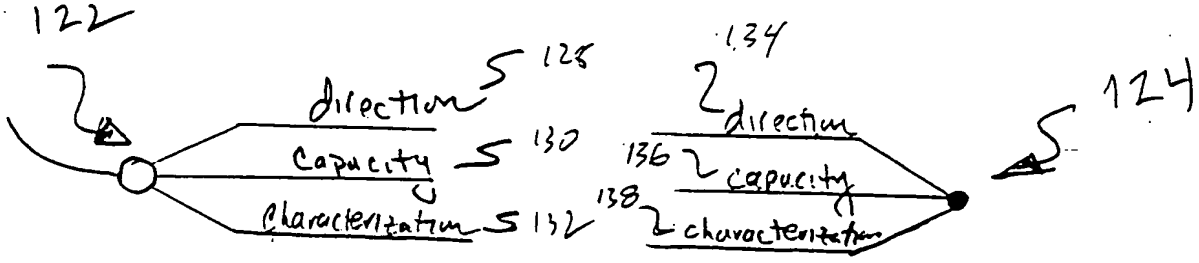
122
direction
128
Capacity
130
Characterization
132
134
direction
136
capacity
138
characterization
124

FIG 2

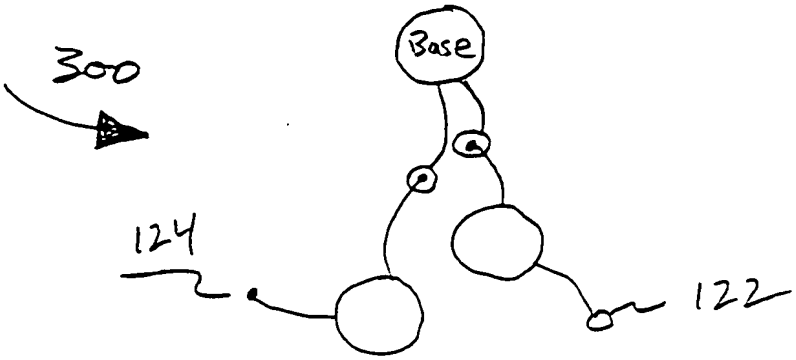
300
Base
124
122

FIG. 3

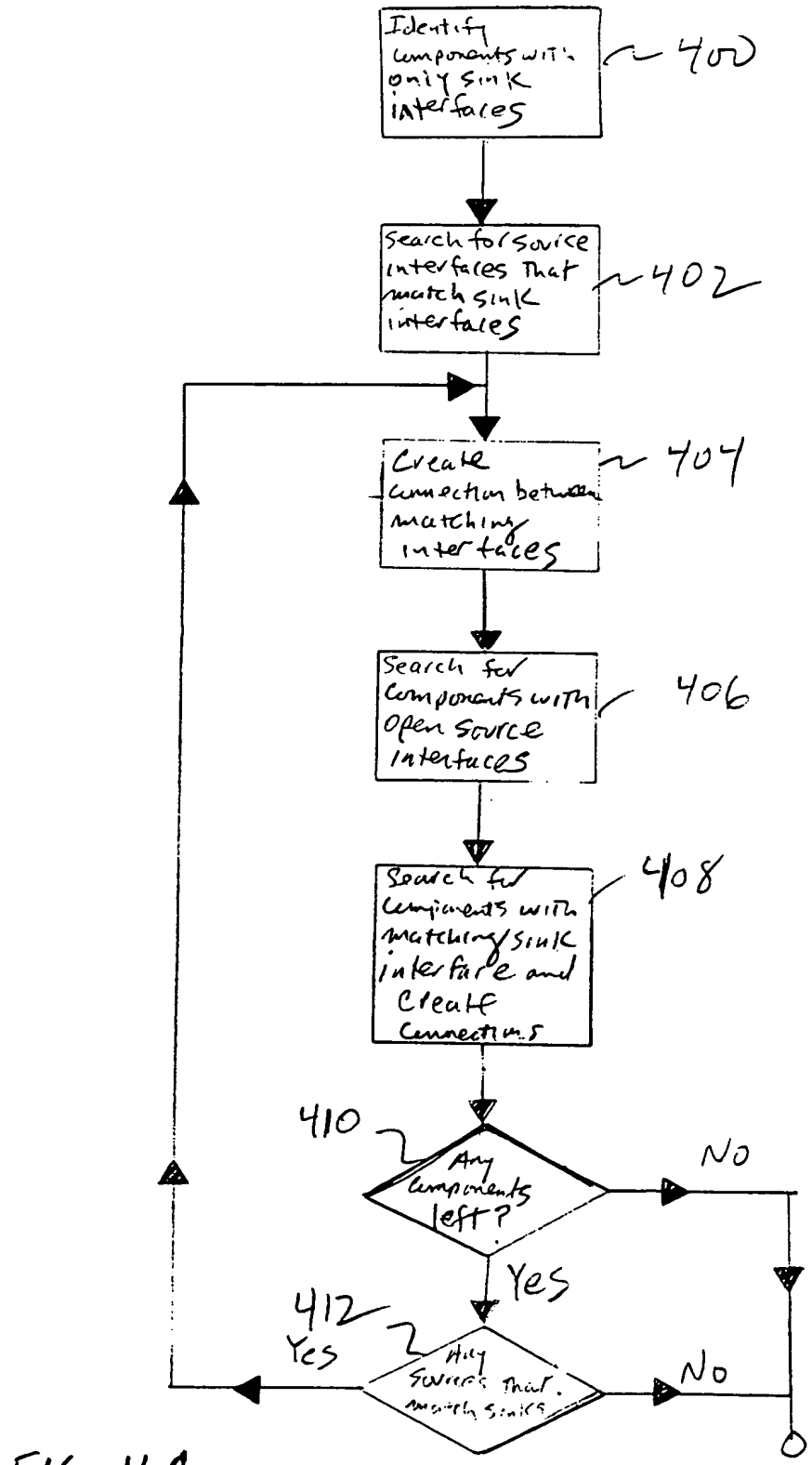
Identify components with only sink interfaces
400
Search for source interfaces that match sink interfaces
402
Create connection between matching interfaces
404
Search for components with open source interfaces
406
Search for components with matching sink interface and Create connections
408
410
Any components left?
No
Yes
412
Yes
Any sources that match sinks
No

FIG 4A

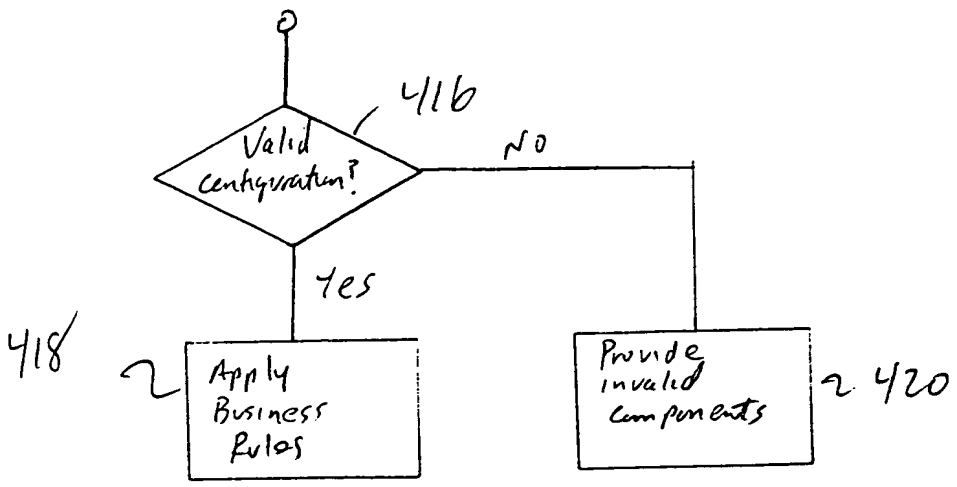
416
Valid configuration?
NO
Yes
418
Apply Business Rules
Provide invalid components
420

Fig 4B